

**HXB2**  
**Case-A2**

Most common clade  
/55

2nd most common  
/55[illegible]

**FIG. 1**



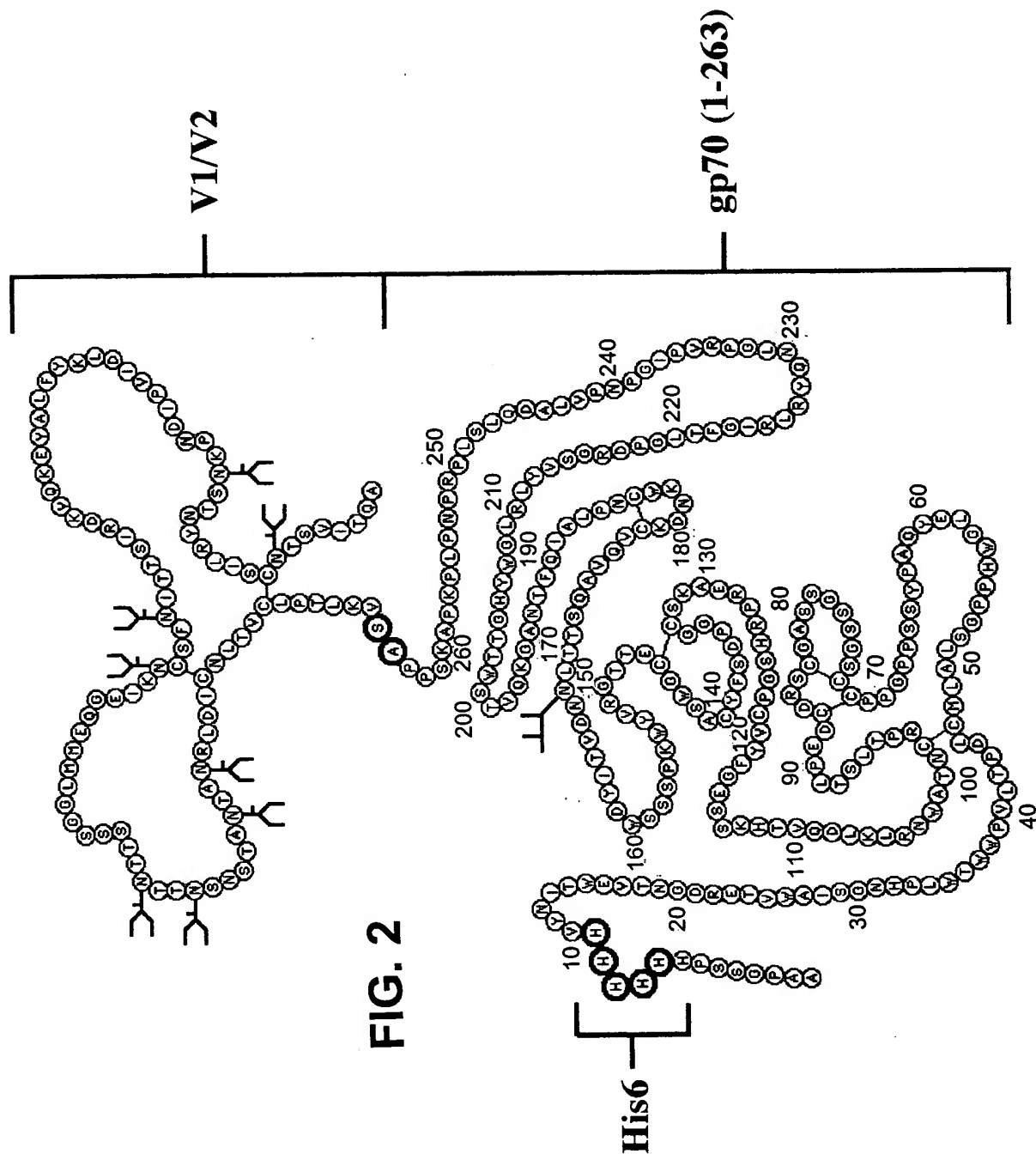
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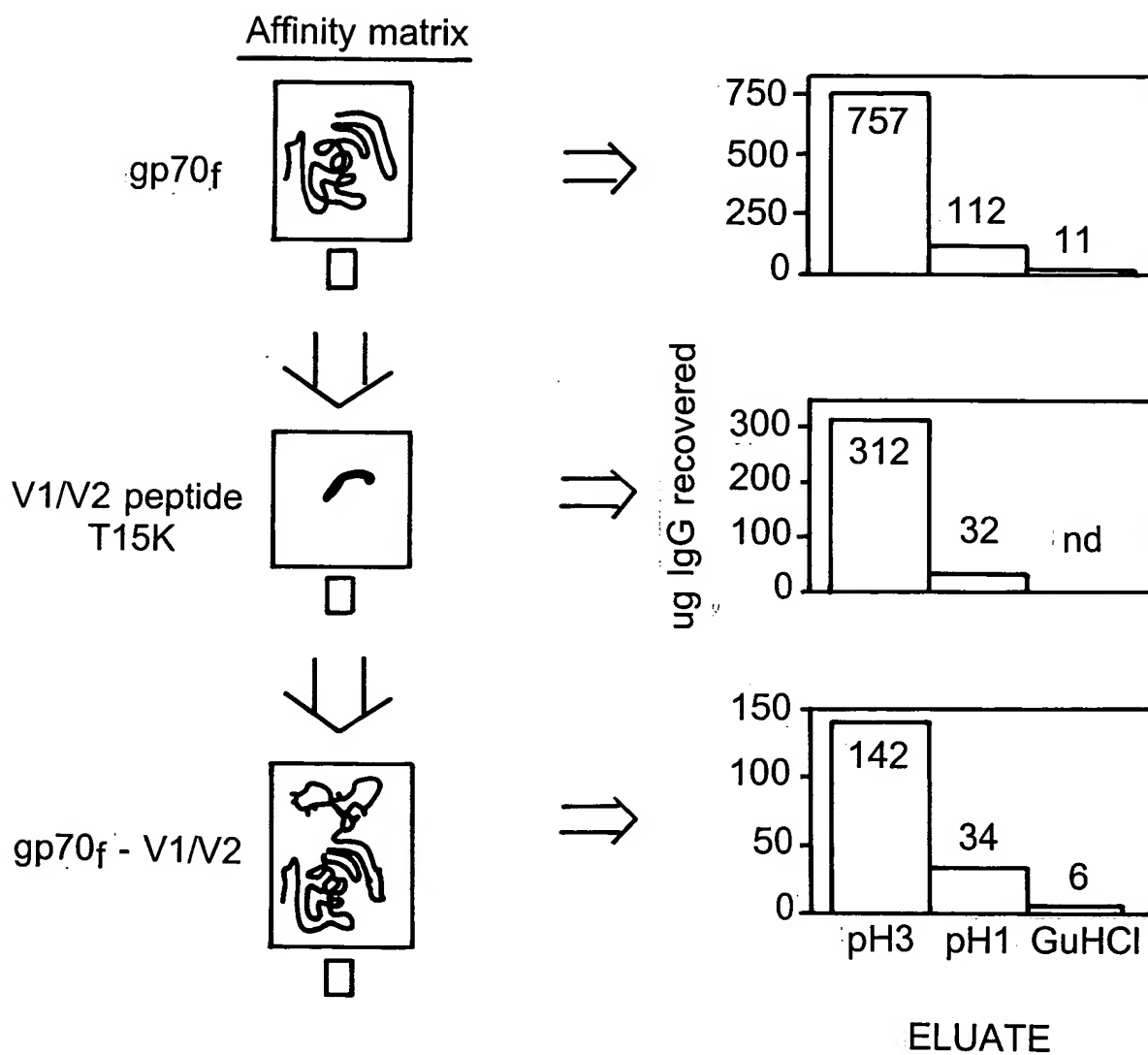
Applicant(s): Abraham Pinter

HI-1 GP120 V1/V2 DOMAIN EPITOPES CAPABLE OF  
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## Case-A2 V1/V2 fusion protein





**FIG. 3**



	V1/V2 Ab fraction			T15K Ab fraction		
	BaL	NHA	ADA	BaL	NHA	ADA
ND50 (ug/ml)	0.24	0.096	0.058	12.0	9.9	3.2
	Th014B	Ug005D	Th024E	Th014B	Th024E	Ug005D
	0.14	0.03	-	0.86	3.8	<0.8

FIG. 4B

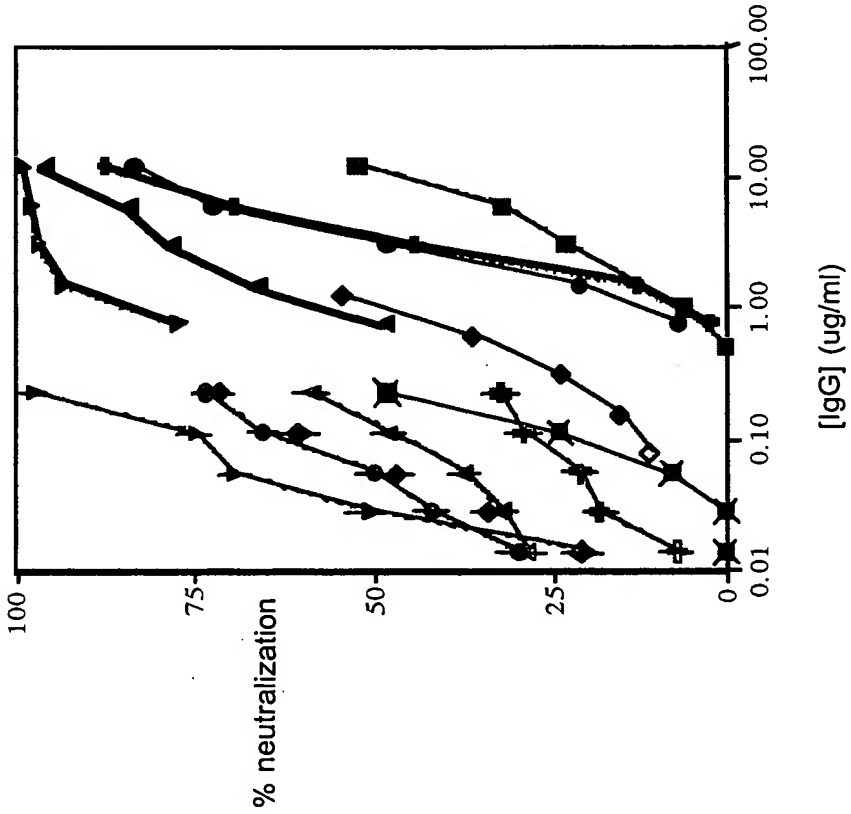


FIG. 4A

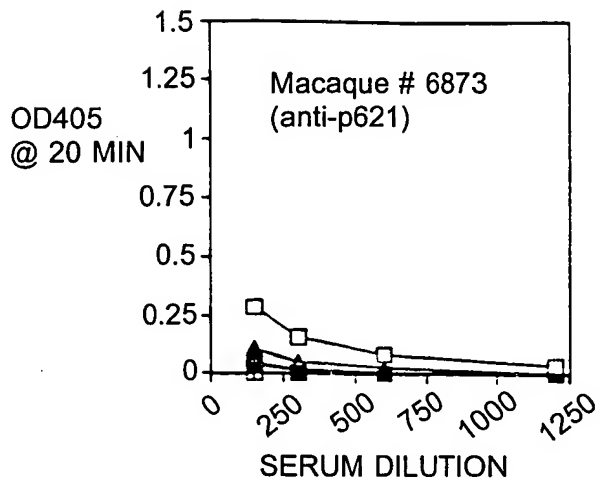
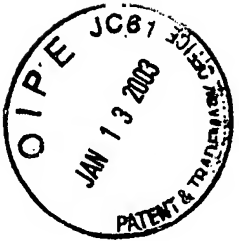


FIG. 5A

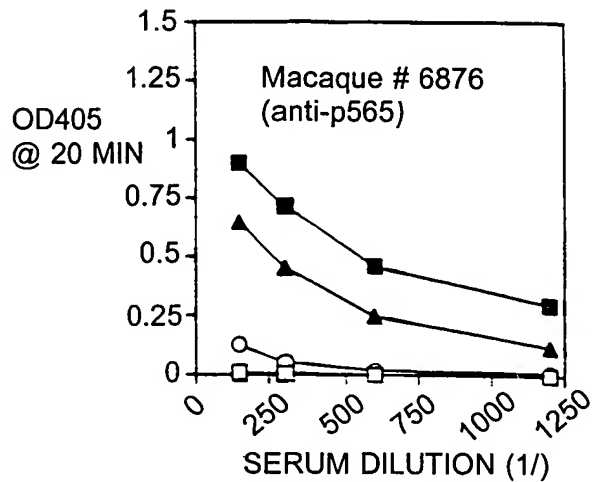


FIG. 5B

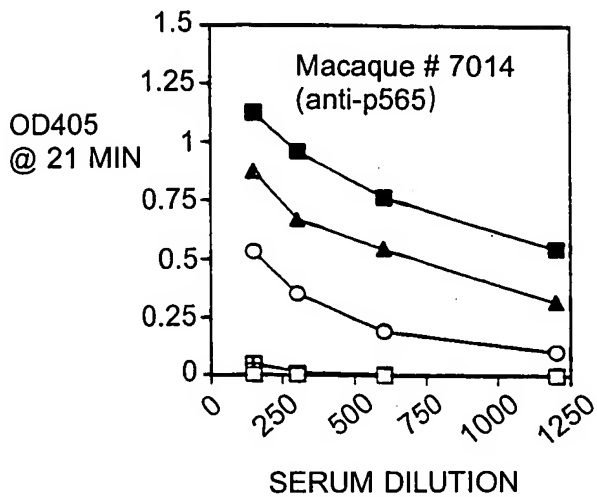


FIG. 5C

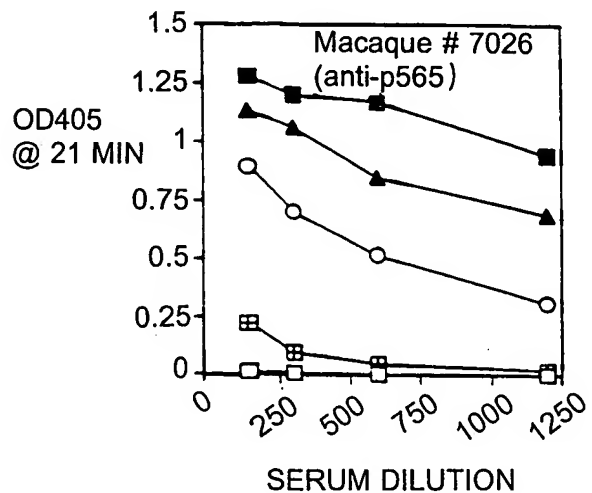
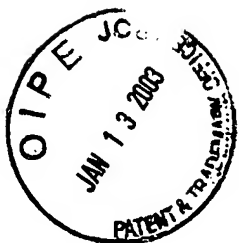


FIG. 5D

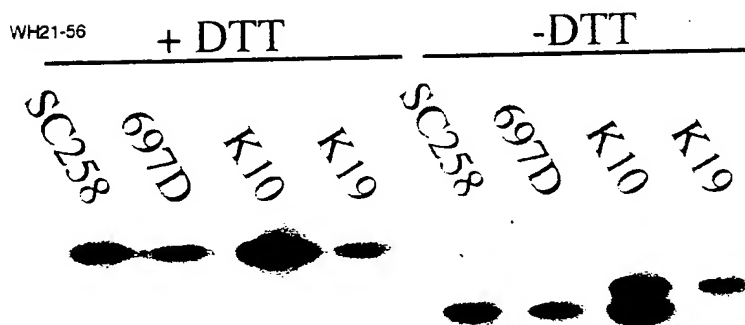


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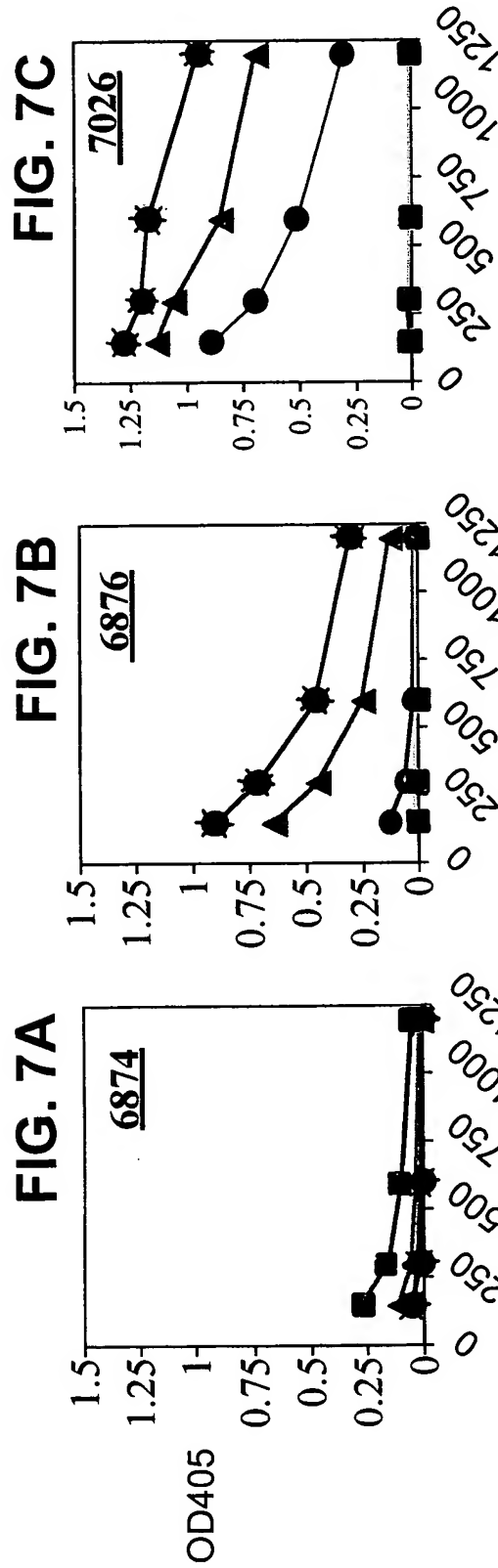
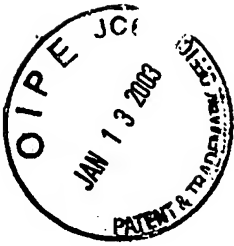
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**FIG. 6**



- p621 gp70 carrier protein
- ★ p565 NA Consensus clade B sequence
- ▲ p599 Brazil clade B V1/V2 protein
- p580 Thai clade E V1/V2 protein

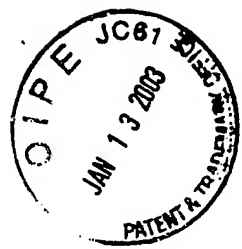


FIG. 8A

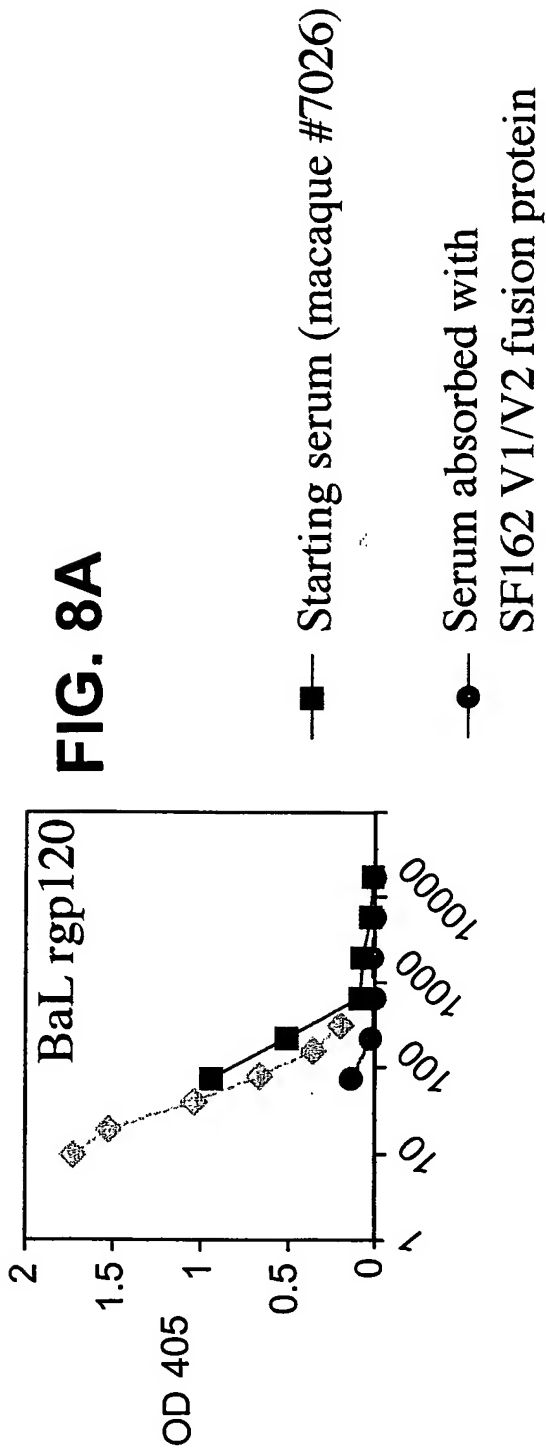
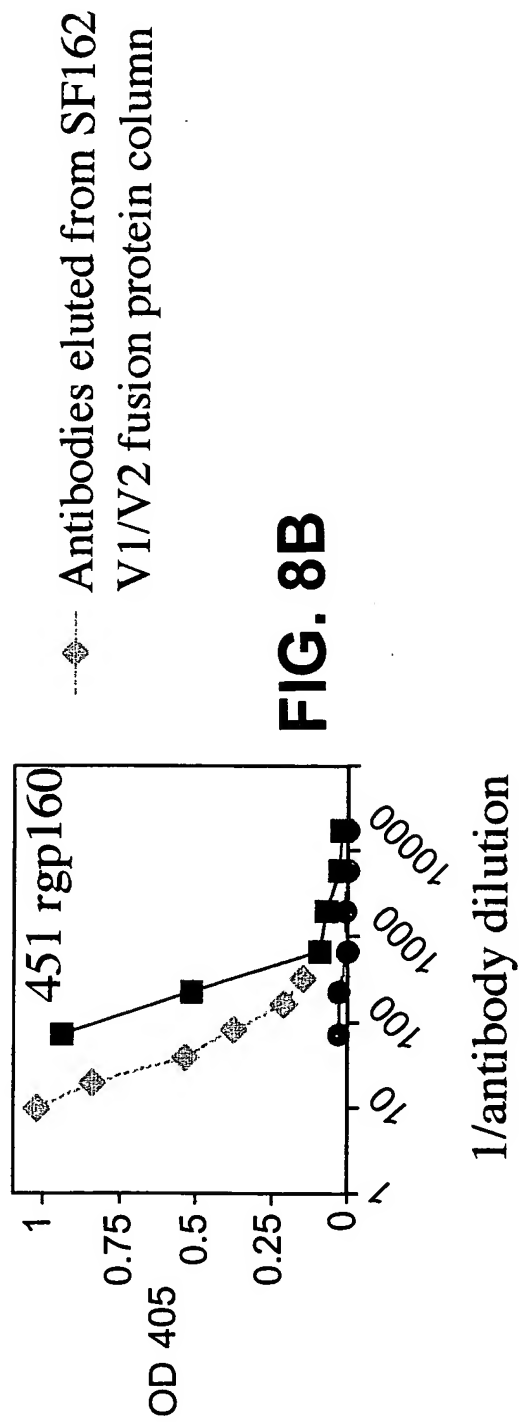
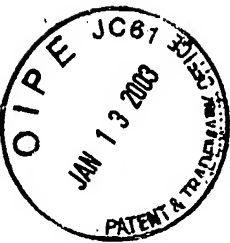


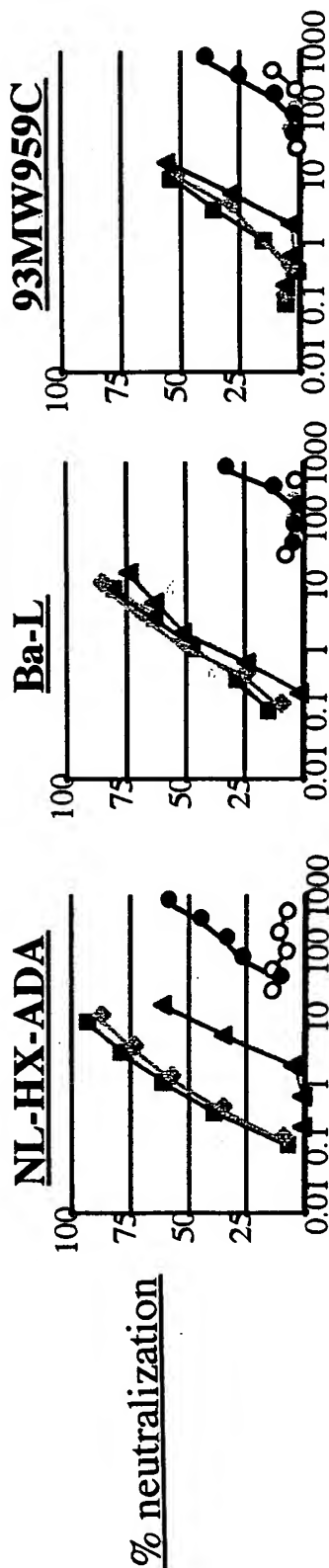
FIG. 8B







# Macaque #6876 serum



[IgG] (μg/ml)

FIG. 9C

[IgG] (μg/ml)

FIG. 9B

[IgG] (μg/ml)

FIG. 9A

- Whole serum
- V1/V2 FT
- ▲ pH 2.4
- ◆ pH 1
- 8M GuHCl



# Macaque #7026 serum

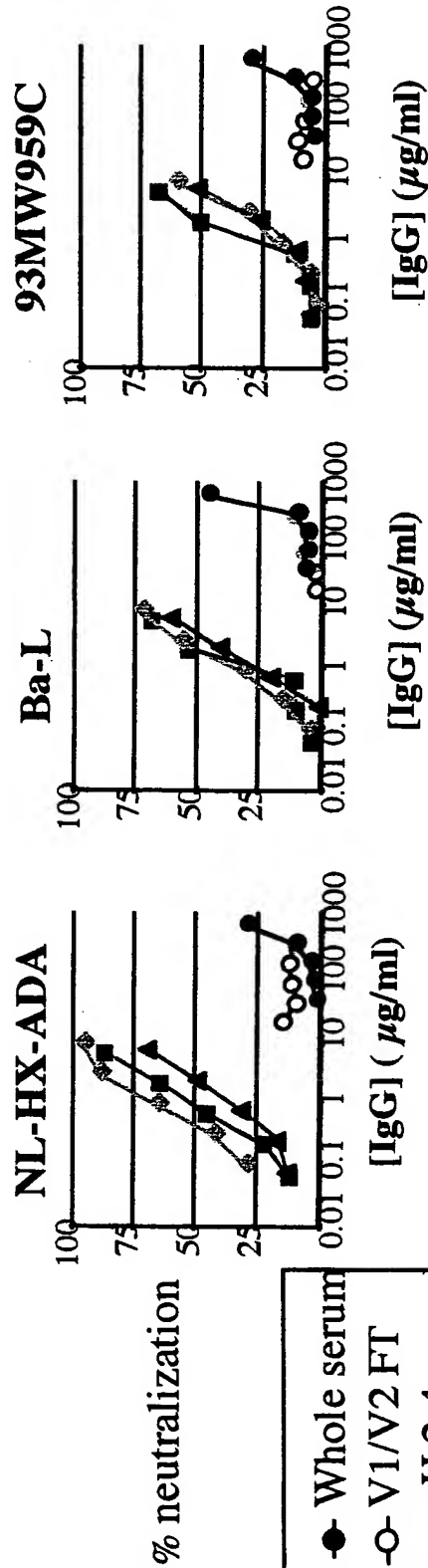
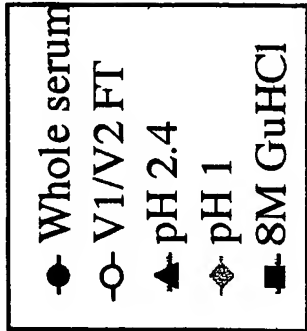


FIG. 10A

FIG. 10B

FIG. 10C



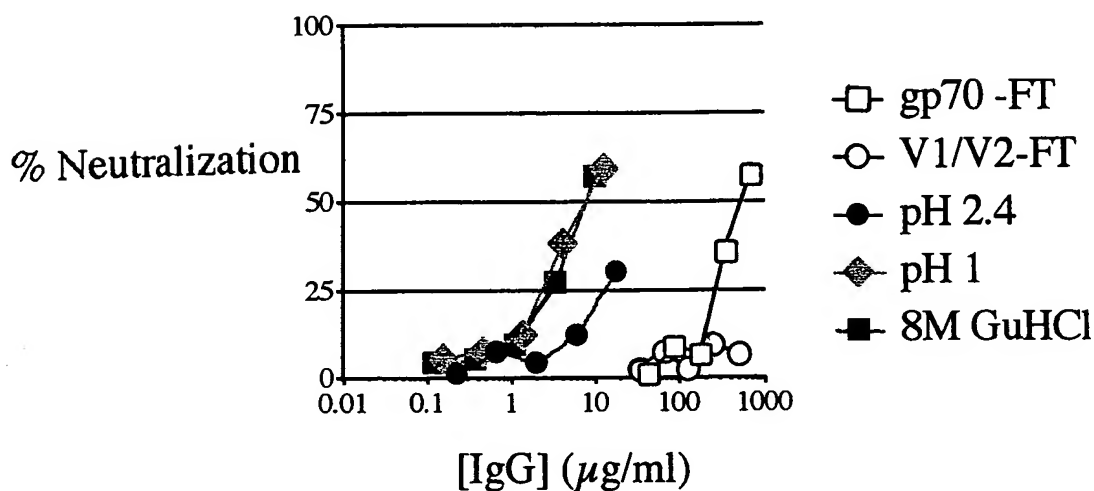
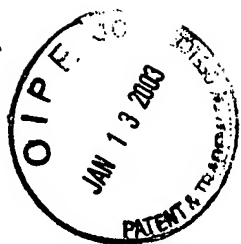


FIG. 11A

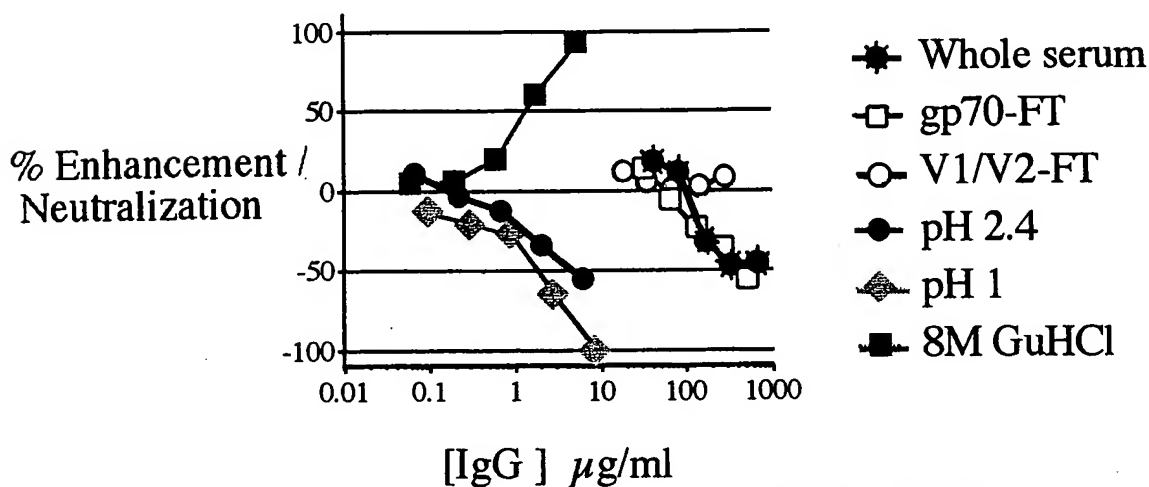
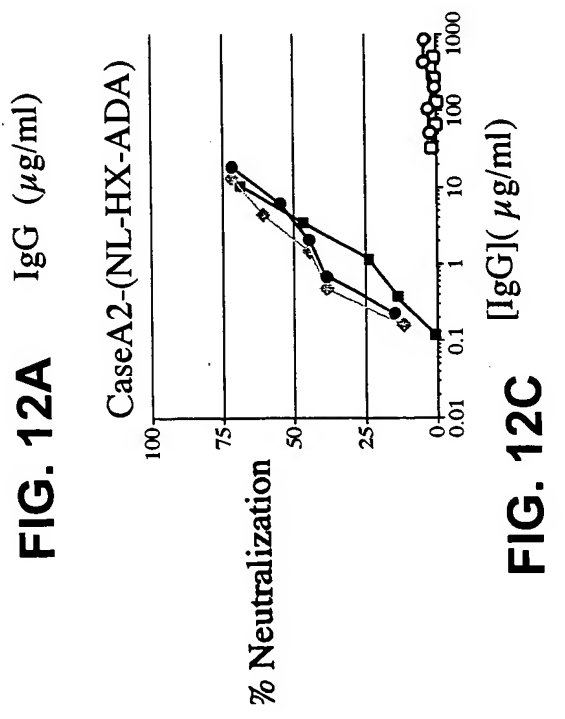
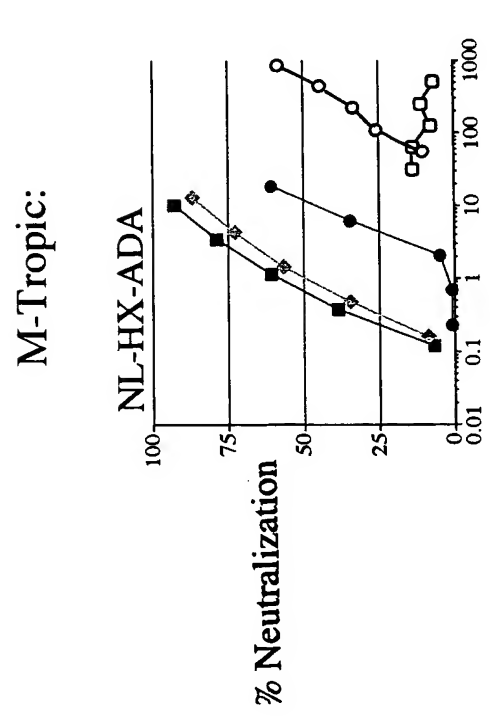
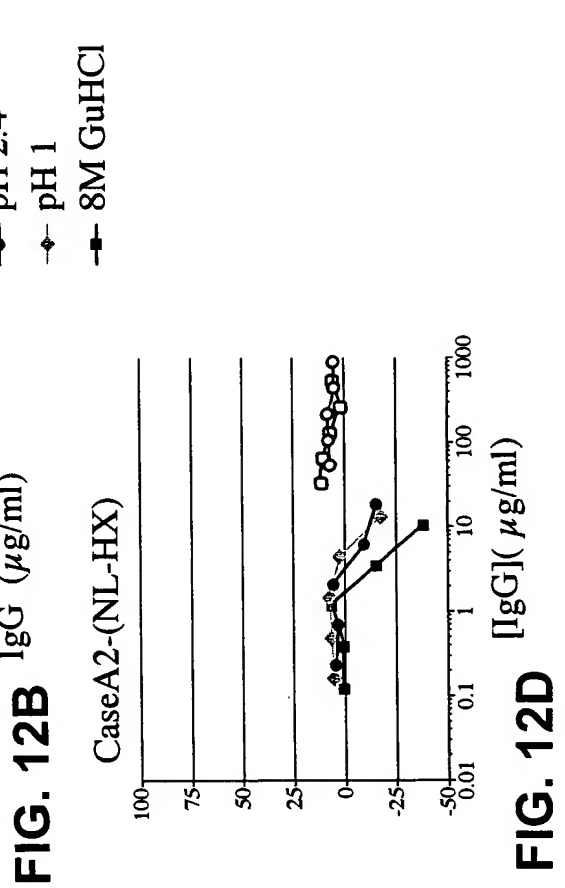
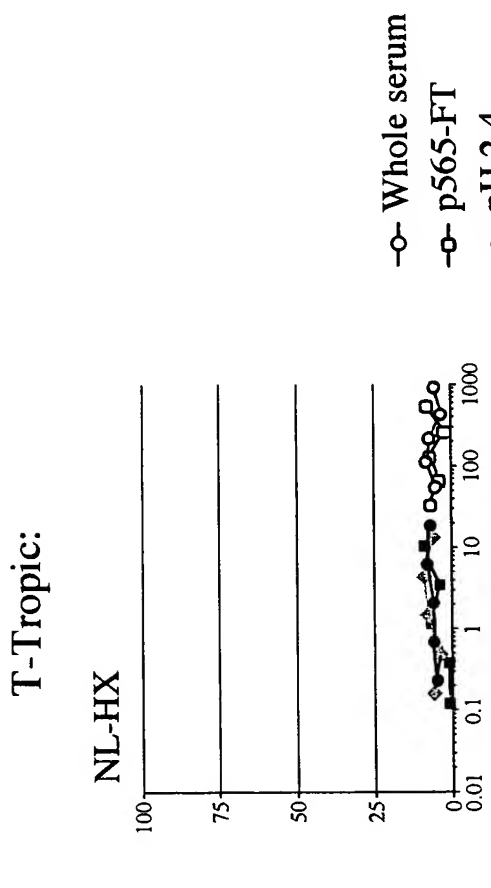
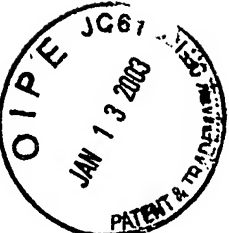


FIG. 11B



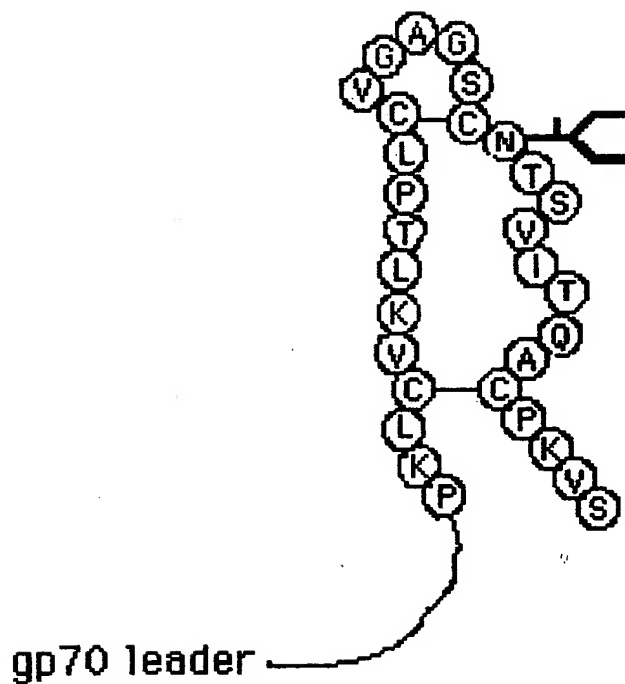


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"V1/V2 stem-only"

FIG. 13